

CIERAR, D.

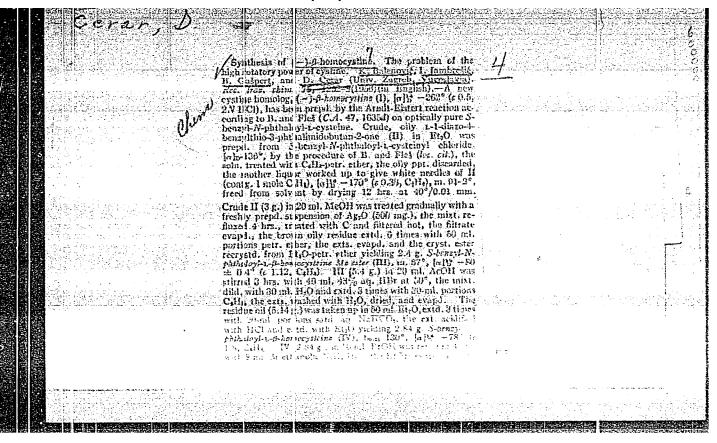
The mustarine serius. III. Isolation of quater sary hases from Amenita muscaria. K. Balcuović, D. Carat, Cl. B. Gašpert, and T. Galijan (Univ. Zagrib, Vugoslavia). Arhiv kem. 27, 107-16;1055/in Hnglish); cf. preceding abstr.—With regard to the still unknown structure of rauscarine (I), a description of isolation and pitrification of I is given. Fresh fly musbrooms (1136 kg.) was homogenized with an equal amt. of EiOH, stored for a week at -5°, litOH was added with stirring (total EiCH 2459 1.), the liquid decanted, the residue pressed out, shat the combined ag. EiOH exts. evapd. in excus to 53 1. (iii)% of dry residue). The concentrate was poured into 102 1. of abs. IROH, left at 0° for 24 hrs., the liquid was removed and evapd. in excus to a concentrate containing 31-33% of dry residue. The concentrate was extd. with 31. of Et₂O, the ant. layer (381.) was poured into 601. of abs. EtOH and left at -5° overnight. The liquid was removed, evapd. in a vol. of 13.61., extd. with four 41.-portions of Et₂O, the ext. was washed with 11. of H₂O, and the aq. layers were combined (13.11, ext. of 10 ext. of (12.1) a 3% NH₄ reintexate soln. (20.1.) was added, left overnight at 0°, the 1pt. was filtered off, and dried in vacua yielding 750 g. of relabeliates (II). By the use of the Craig countercurrent illstinution method with the system Me₂C(1-EtOAc-EtO-250 (1:1:1:2), it was impossible to sep. I from choine (III) in the form of reineckate. II (60 g.) iras dissolved in 15 of Me₂CO, disolved in 2.5 i. of H₂O (cf. C.4. 25, 127), and left at 0° overnight; the ppt. was removed, and the liquid treated with a soln. of 11.70 g. of BaCl₁,2H₂O in 1.151 of IIO, BaSO, was removed, and the liquid treated with a soln. of 11.70 g. of BaCl₁,2H₂O in 1.151 of IIO, BaSO, was removed, and the liquid treated with a soln. of 11.70 g. of BaCl₁,2H₂O in 1.151

in a N atm. The residue was dissolved in abs. EtOH filtered and evapt. in socuo to give 13.3 g. of crude I chloride, with an activity of 30,000 Muscarine units per g. Chromatography of I chloride on Whatman No. 1 pape with the system BuOH-H₂O-C₂H₃N (6:3:2) (solvent A gave six spots with Levine-Chargaff reagent (cf. C.A. 46, 2118g) for R, 0.02, 0.09, 0.14 (due to III), 0.18, 0.24, and 0.31. The muscarine activity was found between R 0.19-0.29. 5 g. of crude I chloride was dissolved in 50 ml of solvent A, and chromatographed on 600 g. of Whatman cellulose pewder (B quality, standard grade); 300 fractions of 10 ml, were collected. I chloride was distributed between fractions 121-164 (400 mg.). Chromatographisepm. on cellulose was also performed in the system BuOH. NH, (4 parts of BuOH satd. with 1 part of 1.5N NH, (solvent B). I chloride was found between fractions 140-194 (220 mg. from 2.5 g. of crude I chloride). I chloride fractions were converted to chloraurate (cf. King, C.A. 16, 4185), pale yellow leeflets, m. 111-12°. I chloride propared from chloraurate following Dudley (cf. C.A. 24, 1083), had an R, 0.255 ± 0.005 at 20° in solvent A. The chromatographed fractions of I chloride (500 mg.), were fractionated on 100 g. of cellulose in solvent B, fractionated, m. 117.5-18°. An attempted sepn. of crude I chloride; chloraurate, m. 117.5-18°. An attempted sepn. of crude I chloride; chloraurate, m. 117.5-18°. An attempted sepn. of crude I chloride; chloraurate, m. 117.5-18°. An attempted sepn. of crude I chloride; chloraurate, m. 117.5-18°. An attempted sepn. of crude I chloride; Chloraurate, m. 117.5-18°. An attempted sepn. of crude I chloride; Chloraurate, m. 117.5-18°. An attempted sepn. of crude I chloride; D. Fleš.

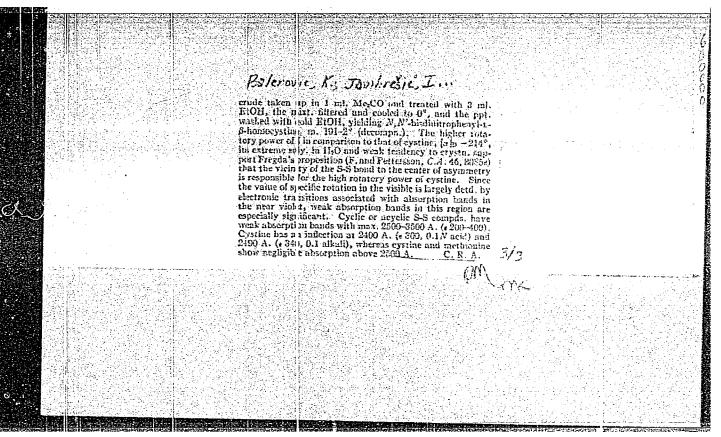
(3)

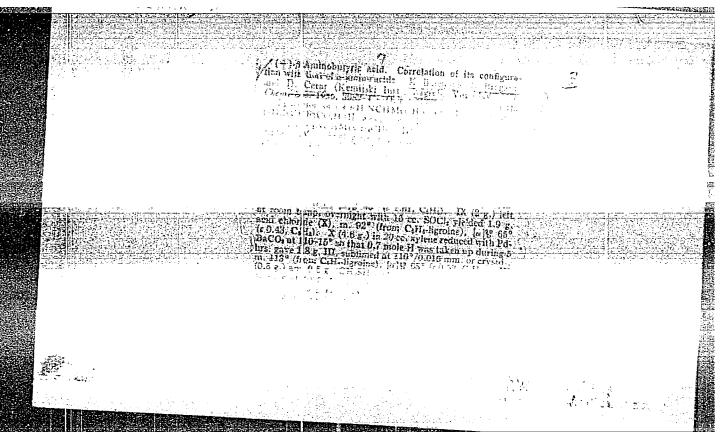
APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308020013-4"

CERAR D.	
	Configuration of (+)-7-aminovaleric acid—Conversion of mainine into its vinylog. K. Balcuović and D. Cerar
	(// (Univ. Zagreb, Yugoslavia). J. Chem. Soc. 1955, ff31-2/— The configuration of L-c-phthalimahopropaldehyde (1) was jivoved by treating 1 g. of 1 in Mc ₂ CO with chromic acid reagent at room temp. for 1 hr. to yield 1.1 g. N-pinthaloyl- realmine, in. 150°, [a]\sqrt{2} -10.5° (c 2, EtOH). I (2 g.) yield 2 g. CH ₂ (CO ₁ H); were heated 8 hrs. at 70-5° in 5 g.
	(2.11.N and the cooled mixt. left overnight at 0° at pH 6 to give 35% pure (+)-4-phthalimido-2-pentenoic acid (II), m. 103°, [a]'§ 10.5° (c 1.13 EtOH). II (3 g.) in EtOH was hydrogenated 5 hrs. over PtO, to give 2.0 g. (+)-y-phthalimido-thleric acid (III), m. 146°, [a]'§ 37.5° (c 0.3, EtOH). III (2.5 g.) was refluxed 7 hrs. with AcOH and 8 cc. 47% HI
	ind the mixt. left overnight at 0°, the pptd. phthalic acid removed, and the residue obtained by concn. of the filtrate vias passed through Amberlite IR-4B to give 1 g. (+)-y-amino-valeric acid (IV), m. 202°, purification yielded 0.8 g. pure [1V, m. 108°, [a] 3 13.9° (c 0.8, H,O). II (4.2 g.) in EtOH and 37.6 cc. M N ₂ H ₄ .H ₂ O in EtOH was stured 2 weeks at
	15° is give 2.1 g. of the phthaloylhydrazine and the filtrate incled 0.23 g. (-)-4-aminopeni-2-enoic acid (V), in: 198°. a]'s -4.8° (-1.03, H ₂ O). An aq. soln. of V gave a strong - ivection with ninhydrin. V (80 mg.) was reduced with PtO: 16' 10% aq. HOAc to give 90 mg. partly racemized IV, [a] If
	/(7° (č 1.76, H ₁ O). Thus IV was related to the L-unino- aicid series. B. K. Wasson
	고도 통해 그리고 있는 것이 되고 있는데 그는 사람들이 있는데 보다는데 되었다. 음에 발표를 통해 발표를 보고 있는데 하는데 보다 보고 있는데 하는데 되었다. 일반 보고 되었다. 이번 전문에 하는데 보고 있는데 보고 있는데 하는데 되었다.



residin henical briefly at 50° with 30° ml. 50% HCl, the cooled soln, filtered from 1.23 g. phthalythydraside and the 61 trate (vapd. in vicino yielding 2.01 g. crade Newsylvi phonon yielme-HCl. lalp -50° (in N HCl). The taken p in 80° oil. HQ, the rolin filtered at the intervention of the ing 1 video in vicino yielding 1.04 g. passion! the intervention of the ing 1 video in vicino yielding 1.04 g. passion! the intervention of the ing 1 video in vicino yielding 1.04 g. passion! the intervention of the ing 1 video yielding 1.04 g. passion! the intervention of the ing 1 video in vicino yielding 1.04 g. passion! the ing 1 video yielding 1 video yi





CERBA, A.

7

CZECHOSLOVAKIA

MINARIK, L; STEKLACOVA, E; CERBA, A.

1. Hospital for Tuberculosis (Liecebna pre tuberkulozu), Vysna Haga; 2. Institute of National Health (Ustav narodneho zdravia), Revucej - (for all)

Prague, Rozhledy v tuberkulose, No 2, 1963, pp 77-86

" The Pathology and Clinical Course of Cystoid Cavities."

Z/006/60/000/041/005/006 E073/E535

AUTHOR: Čerbačeská, Marta, Engineer
TITLE: Defectoscope with a Monitor

PERIODICAL: Technické noviny, 1960, No.41, p.7

Obrazec has been splemented with an additional attachment, a so-called monitor, which in addition to giving a light or an acoustic signal concerning detected defects, will also distinguish erroneous setting of the depth or the length of the section to be investigated. Therefore, it is very suitable for manual or automatic control of large series of products of equal geometrical shape. After initial setting by qualified personnel, mass inspection can be effected by an operative with some training. The monitor also enables determination from any part of the path of the ultrasonics, so that it is very suitable for checking objects submerged in various liquids. The output signals can be continuously recorded and used for controlling, sorting, marking or other equipment. In the case of using the monitor, the normal pulses from the defectoscope are superimposed on a rectangular pulse, the duration of which card 1/2

Z/006/60/000/041/005/006 E073/E535

Defectoscope with a Monitor

resulting pulse is fed to indicator equipment which is set for a certain threshold voltage. For exciting the auxiliary rectangular pulse, a further rectangular excitation pulse is used, the duration of which determines the beginning of the auxiliary rectangular pulse. If the material has no defects, or if these are smaller than the preset value of the reflected pulse, the sorting or signalling equipment will not respond. If this is not the case, an indication will be given and the equipment will commence to function. The monitor can be used everywhere where an ordinary ultrasonic defectoscope is applied, the function of which is automated, speeded up and the errors caused by operatives eliminated. It enables scrapping faulty pieces during production, so that, particularly in the case of large forgings, a considerable amount of useless machining can be ayoided. The functioning of the prototype was tested in the Vyzkumny ustav tepelne techniky (Thermo - Technics Research Institute). The monitor will be manufactured by Chirana, Works Chotutice, Near Peček. Due to the small capacity of this plant, the beginning of series manufacture is continuously delayed. There is l'figure.

Card 2/2

CERBAN, M. ; POPESCU, I.

General criteria for the evaluation of the economic efficiency of investments. p. 311_1 .

REVISTA CONSTRUCTIILOR SI A MATERIALELOR DE CONSTRUCTII. (Asociatia Stiintifica a Inginerilor si Technicienilor din Rominia si Ministerul Constructilor si al Marerualelor di Constructii) Bucuresti, Rumanda. Vol. 10, no. 6, June 1958.

Monthly List of East European Accessions (EEAI) LG, Vol. 8, no. ϵ , June 1959 Unel.

DIMITRIU, Ofelia; BONCIU, C.; CERBU, Al.; VASILESCO, Th.

Research on urinary eliminators in human brucellosis, Arch. Roum. path. exp. microbiol. 20 no.1:21-31 Mr '61.

1. Travail de l'Institut "Dr. I. Cantacuzino" - Service des Zoonoses.

(BRUCELLOSIS urine)

DIMITRIU, Ofelia; CERBU, Al.; VASILESCO, Th.

Antibiotic sensitivity of certain Brucella strains. I. Arch. Roum. path. exp. microbiol. 20 no.3:425-430 S '61.

1. Travail de l'Institut "Dr. I. Cantacuzino" Service des Zoonoses.
(BRUCELLA pharmacology) (ANTIBIOTICS pharmacology)

CIUCA, M.; DIMITRIU, Ofelia; CERBU, Al.; POP, Alexandrina

Relation between the lysogenicity and virulence of Brucella strains. Arch. roum. path. exp. microbiol. 21 no.2:252-254 162.

1. Travail de l'Institut "D.I. Cantacuzino" — Centre National de Bacteriophages-References.
(BRUCELLA) (BACTERIOPHAGE)

POP, Al, dr.; DIMITRIU, Ofelia, dr.; VASILESCU, T., dr.; CERBU, Al., dr.; POP, Alexandrina, biolog.

Brucellosis as a factor in occupational morbidity in veterinary physicians and technicians. Microbiologia (Bucur) 8

1. Lucrare efectuata in Institutul "Dr.I. Cantacuzino", Bucu-

سکد

DIMITRIU, Ofelia; VASILERGO, Th; CERBU, Al.; POP, Alexandrina; BONCIU,C.;
PETROVICI, Monica

Comparative study of some vaccines in experimental brucellosis. Arch. roum. path. exp. microbiol. 23 no.32661-566 5'63

l. Service des Zoonoses, Laboratoire de la Bruvellose (for Dimitriu, Vasilesco, cerbu, Pop). 2. Service d'Anatomie Pathologique (for Bonciu, Petrovici). Travail de l'Institut "Dr. I. Cantacuzino", Bucarest.

CERBU, F., ing.

Study and testing of a more rational transportation of yarn boxes from the ring frames to the packing department. Ind text Rum 15 no.10:541-544 0 64.

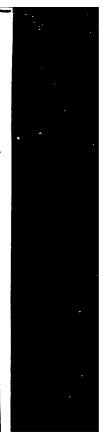
1. Rumanian Cotton Spinning Mill, Bucharest.

EXCEMPTA MEDICA Sec.11 Vol.10/7 Oto-Rhino-Laryngo Jul57 CFRBY E.

1348. ČERBÝ E. ORL Klin, Hradec Králové. *Naše zkušenosti s akrylátovymi odlitky při plastikách nosu a čela. Experiences with acrylate casts in plastic operations on the nose and forchead CSL. STOMATOL. 1956, 3 (114-118) Illus. 5

The experiences are recounted of 4.5 yr. use of acrylate casts in plastic operations

The experiences are recounted of 4.5 yr. use of acrylate casts in plastic operations of saddle-shaped noses and of 2 yr. experience in the plastic repair of post-operative hollows of the forehead. Out of 10 plastic nasal operations in one case the cast was extruded after 4.5 yr. In plastic repairs of the forehead the casts are well maintained and it may be assumed that their use for this purpose will prove valuable as it is a region only slightly exposed to pressure, pull and tension by the surrounding tissues. The cosmetic results are in all cases very good. (IX, 11)



YUGOSLAVIA/Nuclear Physics - Nuclear Power and Technology

C-8

Abs Jour : Ref Zhur - Fizike, No 12, 1958, No 27088

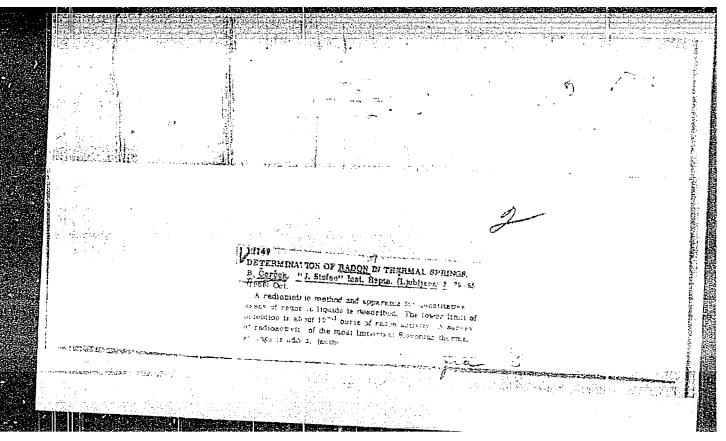
Author : Corcolc B. Inst : Not Given

Title : Neutron Poisons in the Homogeneous Reactor.

Orig Fub : Ropts. "J. Stor'en" Inst., 1956, 3, 45-53

Abstract: The authors calculate the concentrations of neutron absorbers with large cross sections for thornal neutrons, poisoning by non-volctile fission products, and control of the reactivity with the aid of Cdll in the case of prolonged operation of the reactor at a constant neutron flux and constant fuel concentration (U²³⁵). The latter assumption (operation at a flux of 10¹² neutrons/cm²-sec for one thousand days at a concentration of 20 grams U²³⁵/kg of D₂0 gives a burn-up of 5% fuel). Limits the accuracy of the calculations of + 10%. However, the value of fission-product poisoning, equivalent to 0.11 grans of B10/kg of U235 at a burn-up coefficient of 5%, is in good agreement with other data.

Cord



HRIBAR, M.; CERCEK, Boris, ing. (Ljubljana)

Radioactive isotopes are used in the Mezica Mine for controlling the heavy liquid separation. Tehnika Jug 17 no.1:24p Ja 162.

1. Asistent Nuklearnog instituta "Jozef Stefan" Ljubljana i clan Redakcionog odbora "Radioaktivni izotopi i zracenja" (for Cercek).

(Radioisotopes)

CERCEK, B.

The radiation chemistry of deaerated aqueous vinylpyridine sulphate - ferric sulphate solutions. Croat chem asta 35 no.2:

1. Department of Radiation Chemistry, Institute "Jozef Stefan", Ljubljana, Slovenia, Yugoslavia.

CERCEK, B.

Reactions of the madical in sulfuric acid solutions; abstract. Glas Hem dr 27 no. 9/10:543-544 *64

1. The Jozef Stefan Institute, Ljubljana.

CERCHEZ, G.

A new Soviet tractor for pulling out and hauling wood. p. 391. REVISTA PADURILOR. (Asociatia Stinifica a ^Inginerilor si Technicienilor din Rominia si al Ministerului Agriculturii si ^Silviculturii) Ercuresti. Vol 70 (i.ei 71) no. 6, June 1956.

SOURCE: East European Accessions List. (EEAL) Library of Congress, Vol. 5. No. 11, November, 1956.

CERCHEZ, Mihu, prof. inv. mediu (Bucuresti) Some elementary problems of economic mathematics. Gaz mat fiz 14 no.2:

81-95 F162

CERCHEZ, Mihu

An application of combinative analysis. Gaz mat B 15 no.4:152-153 Ap

LATCU, D., prof. (Hunedoura); PETRESCU, N., prof. (Tg. Carbunesti); CERCHEZ, Mihu; ZENEMBISI, I., prof. (P. Neamt); TEODORESCU, Voltaire (P. Neamt); IONESCU-TIU, C.; TOMESCU, Ion (Bucaresti); DUMITREASA, Gh. (P. Neamt); MIHAILESCU, D., prof. (Pitesti); DUMITRU, Acu (Cluj); LEONTE, Alexandru (Bucaresti); ANGHELACHE, Tudorica (Bucaresti); FOPA, Al. (Pucioasa); BRINZANESCU, V. (Bucaresti); LUSTIG, Gh. (Bucaresti); ISAC, E. (Tg. Jiu); LEVIN, Alexandru (Tallin, U.S.S.R.); SIMION, A. (Bacau); AVADANEI, Cornelia (P. Neamt); SIMIONESCU, Gh.D.; FLONDOR, Elena, (Bucuresti)

Proposed problems in mathematics. Gaz. mat B 15 no.4:172-177 Ap '64.

CERCHEZ, Mihu, conf.

A problem of transport distribution. Gas mat B 15 no.5: 200-204 May 164.

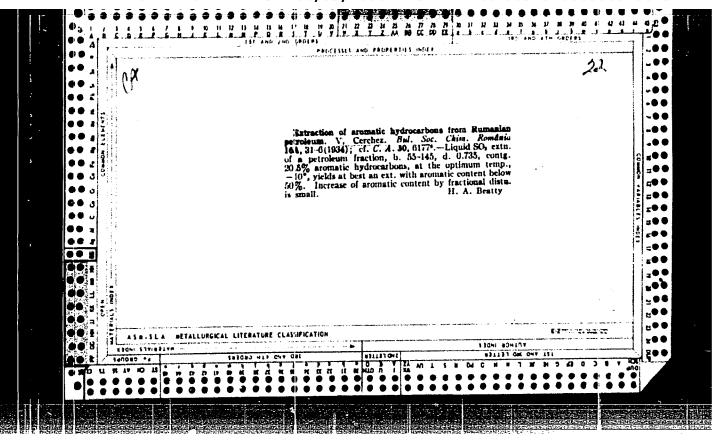
CERCHEZ, N., MIRZA, V., acad.; CARAUSU, D., prof.

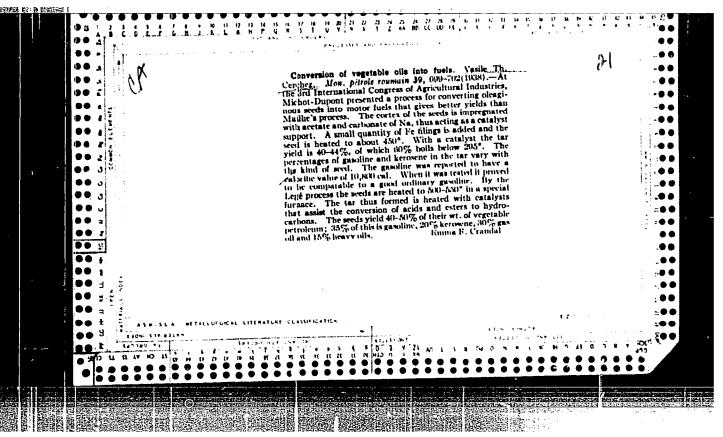
Influence of heredity of tomato hybrid descendants, at the age of interbreeding, on the reproductive elements. Studii biol agr Iasi 14 no.2:287-298 '63.

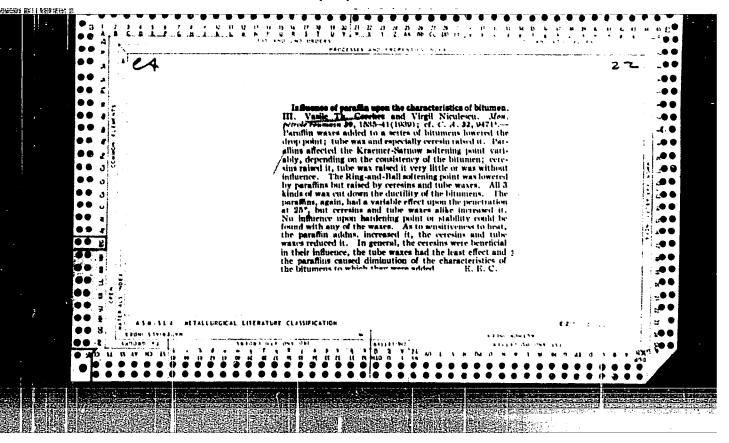
1. The work was carried out in the framework of the "Al.1.Cuza" University.

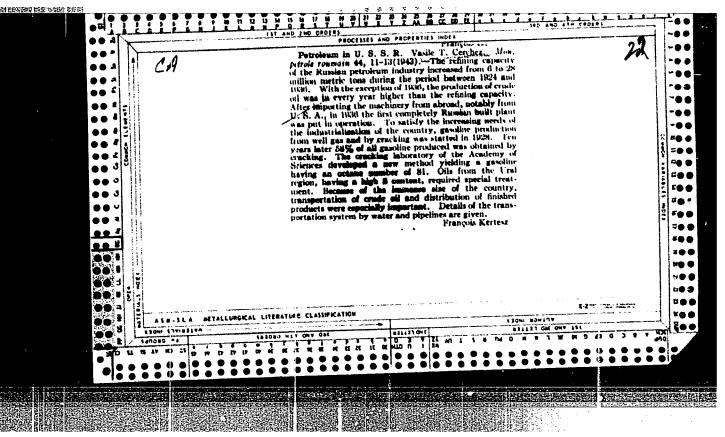
CERCHEZ, V., dr.; BRUDA, N., ing.; IORDACHE, Gh., ing.

Improving the quality of oils by means of additives. Petrol si gaze 14 no.1:37-45 Ja '63.









CERCHEZ, V.

FA ZITZ5

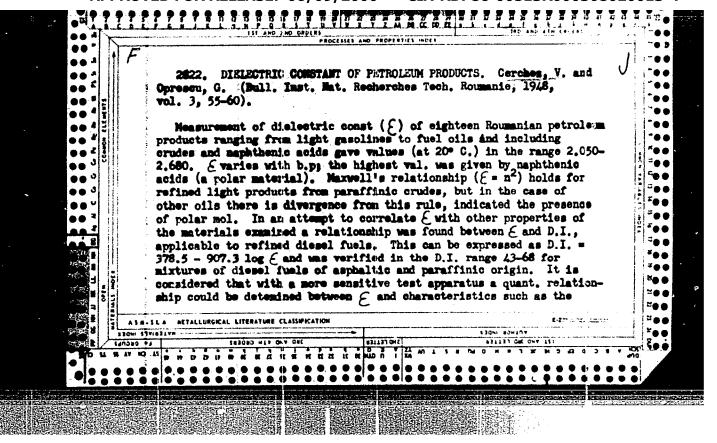
RUMANIA/Engineering Jan/Feb 1947

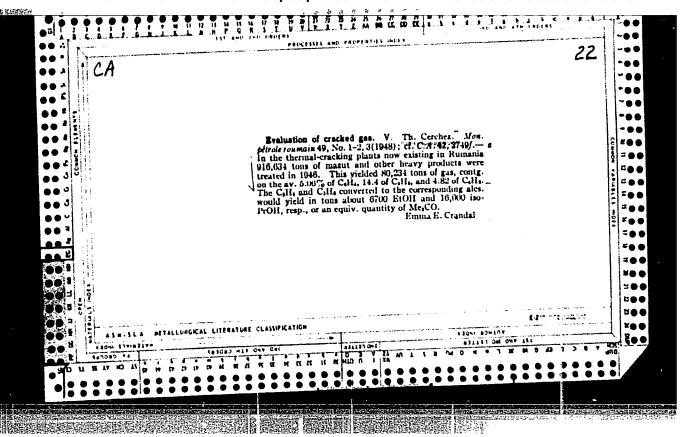
Petroleum Industry Petroleum - Distillation

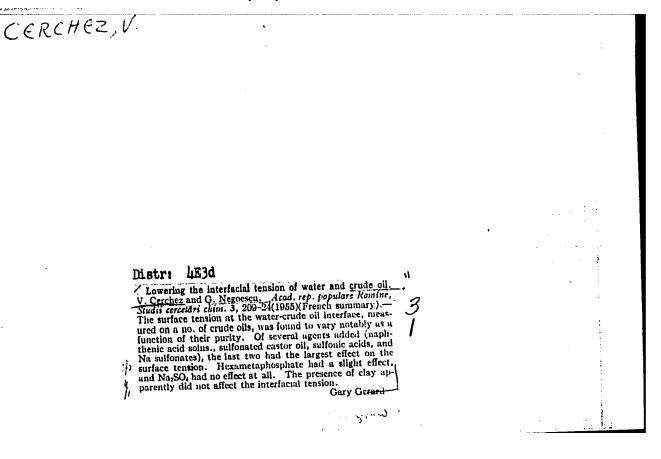
"Elements of Calculations for Installations in the Petroleum Industry," V. Cerchez and R. Tunescu, 8 pp

"Monitorul Petrolului Roman" Vol XLVIII, No 1/2

Kleven tables and extensive formulae used in heat exchanging and vapor heat exchanging; condensing and distilling, etc.







CERCHEZ,V

RUMANIA/Chemical Technology - Chemical Products and Their I-13

Application. Treatment of natural gases and petroleum.

Motor fuels. Lubricants.

: Referat Zhur - Khimiya, No 4, 1957, 12920 Abs Jour

: Cerchez V., Negoescu G. Author

: Investigation of Lowering of Surface Tension at the Title

Water-Petroleum Interface.

: Reducerea tensiunii interfaciale apa-titei. Studii si Orig Pub

dercetari chim., 1955, 3, No 3-4, 209-224 (Rumanian;

Russian and French summaries)

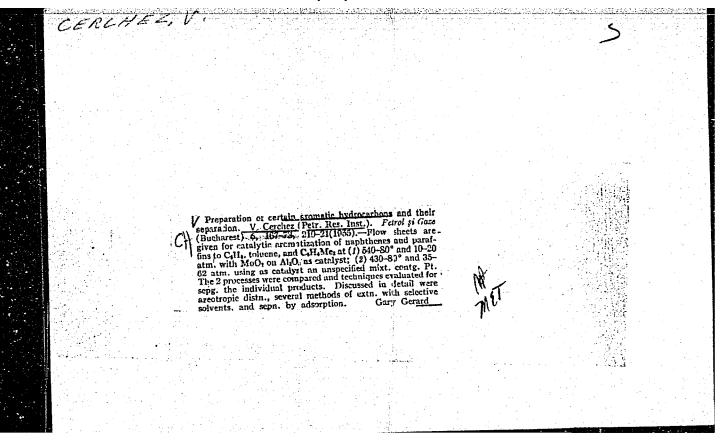
: Measurements of surface tension at the water-petroleum Abstract

interface have revealed that this quantity depends to a large extent on the purity of the petroleum. Experiments on incorporation of additions: naphthenic acids, sulfonic acids, Na-salts of sulfanic acids and sulfonated castor oil, have shown that sulfonic acids and their Na

salts lower the surface tension to the greatest extent.

Card 1/2

- 234 -



CERCHEZ, V. ; DEUTSCH, L.

Fluidiz ation of acid tars. p. 361. Petrol Si Gaze. Bucuresti. Vol. 6, No. 8, Aug. 1955.

SOURCE: East European Accessions List (EEAI), LC. Vol. 5, No. 3, March 1956.

CERCHEZ, V.

CERCHEZ, V. Radioactive isotopes in the petroleum industry. p. 506.

Vol. 6, no. 10, Oct. 1955 RUMANIAN-SOVIET friendship Bucuresti, Rumania

So: Eastern European Accession Vol. 5 No. 4 April 1956

CERCHEZ, V.

RUMANIA/Analytical Chemistry. Analysis of Organic Substances.

E-3

Abs Jour: Ref. Zhur.-Khimiya, 1958, No II, 35974.

Author : V. Cerchez, O. Popescu.

! Not given. Inst

: The Determination of Sulfo Acids in Presence of Sulfuric Title

Acid. Application to the Analysis of Acid Asphalts.

Orig Pub: Studii si cercetari chim. Acad. RPR Fel. Cluj, 1956, 7,

No 1-4, 155-165.

Abstract: Ba sulfonates are deposited along with BaSO4 at the determination of H₂SO₁ (I) in solutions containing sulfo acids (II). To determine the actual content of I, the deposit of Ba-salts is dried for 1.5 hours at 1100, weighed and calcinated. In this case sulfonate is losing the organic residue and 1/2 of SO_2 and passes into $BaSO_4$. The difference in weight between dried and calcinated deposits per-

: 1/4 Card

RUMANIA/Analytical Chemistry. Analysis of Organic Substances.

E-3

Abs Jour: Ref. Zhur.-Khiniya, 1958, No II, 35974.

mits to compute the content of II (if its average molecular weight is known) and I. The average mol. weight of II for solar oil is equal 200 (determined empirically). When acid asphalts of different fractions of petroleum (kerosene, solar, oil) are analyzed, the measured weight of 2-5 g is extracted by a mixture of water (20-40 ml) and chloroform or nitrobenzene (30-50 ml) and the aqueous part, in which I and II are passing, is separated. The extraction by water is repeated and the general acidity, I and II are determined, as indicated above. The abs. error of determination is \pm 0.4%.

Card : 2/2

20

H-23

CERCHEZ. V.

RUMANIA/Chemical Technology - Chemical Products and Their

Application - Treatment of Natural Gases and

Petroleum. Motor and Rocket Fuels. Lubricants.

: Ref Zhur - Khimiya, No 3, 1958, 9266 Abs Jour

: Cerchez V., Deutsch L. Author

Inst : Storage of Naphthenic Acids in Steel Tanks. Title

: Petrol si gaze, 1956, 7, No 4, 195-199 Orig Pub

: Laboratory experiments on storage of naphthenic acids Abstract (NA) in steel tanks, have shown that during 30 months the

content of Fe in a sample of NA increased from 0.006% to 0.26%, on storage in a tank without anticorrosion lining and to 0.02% in a tank coated with two layers of bakelite. In view thereof the authors recommend to protect tanks for the storage of NA with two layers of bakelite. Laboratory experiments have shown that 0_2 of the air causes oxidation of NA, promoting their darkening, and that

Card 1/2

RUMANIA/Chemical Technology - Chemical Products and Their

H-23

Application - Treatment of Natural Gases and Petrolewa,

Motor and Rocket Fuels. Lubricants.

Abs Jour : Ref Zhur - Khimiya, No 3, 1958, 9266

light accelerates catalytically this reaction; in the absence of air the light causes no appreciable alterations of the color of NA. Hence it is necessary to provide for a hermetic sealing of the tanks and to fill them to a maximum extent in order to decrease the contact of NA with the air.

Card 2/2

Z

CERCHEZ, V.: BARTOI, A.

Study of the chemical composition of the fresh and used motor oils. Studii cerc chim 8 no.1:115-134 *60. (EEAI 9:8)

1. Institutul PETROCHIM, Ploiesti. (Diesel engine) (Lubrication and lubricants) (Chromatography)

CERCHEZ, V.; BARTOI, A.

A new method for the characterization of mazuts. Studii cerc chim 8 no.1:135-156 *60. (EEAI 9:8)

 Institutul PETROCHIM, Poiesti. (Mazut) (Chromatography)

CERCHEZ, V.Th.; VLADEANU, Al.

Separation of some aliphatic acids from naphtenic acids by complexing with urea. Petrol si gaze 13 no.10:452-458 0 '62.

CERCHEZAN, D.

Where the waters meet. P.21" AVATIA SPORTIVA, Vol. 4, no.2, Feb. 1953. Bucuresti, Rumania.

SO: M'nthly List Of East European Accessions, E.C. Vol. 4, No. 11, Nov. 1953. Uncl.

ZSADON, Bela; CERECS, Arpad

Analysis of poppyhead extracts. Pt. 2. Magy kem folyoir 70 no. 2:49-51 F '64.

- 1. Eotvos Lorand Tudomanyegyetem Kemiai-Technologiai Tanszeke, Budapest.
- 2. "Magyar Kemiai Folyoirat" szerkeszto bizottsagi tagja (for Gerecs).

CEREMUSKIN, S., candidat in stiinte agricole.

About the land cadastre. Rev geodezie 6 no.4:67-71 162.

CEREMUZYNSKI, Leszek

A clinical triad: adrenal insufficiency, hyperthyroidism and myocardial infarct. Pol. arch. med. wewnet. 34 no.2:231-236 *64.

1. Z IV Kliniki Chorob Wewnetrznych AM w WARSZAWIE; kierownik: prof.dr.med.Z. Askanas.

CEREMUZYNSKI, Leszek

Theoretical principles in the use of a polarizing mixture (potassium, insulin, glucose) in coronary insufficiency. Pol. arch. med. wewnet. 34 no.3:323-330 164.

1. Z IV Kliniki Chorob Wewnetrznych AM w Warszawie; kierow-nik: prof.dr.med. Z. Askanas.

¥

CEREMUZYNSKI, Leszek; KRASKA, Tadeusz; SLUCKA, Cecylia

Preliminary clinical experiences with the use of a polarizing mixture (potassium, insulin, glucose) in myocardial infarct. Pol. arch. med. wewnet. 34 no.5:541-547 '64

1. Z IV Kliniki Chorob Wewnetrznych Akademii Medycznej w Warszawie (Kierownik: prof. dr. med. Z. Askanas).

CEREMUZYNSKI, Leszek

Some current views on the coronary vessels. Pol. tyg. lek. 20 no.6:229-231 8 F '65

1. Z IV Kliniki Chorob Wewnetrznych Akademii Medycznej w Warszawie (Kierownik: prof. dr. med. Z. Askanas).

CEREMUZYNSKI, Leszek

Hemodynamic problems of coronary circulation. Pol. tyg. lek. 20 no.15:539-541 12 Ap *65.

1. Z IV Kliniki Chrorb Wewnetrznych AM w Warszawie (Kierownik: prof. dr. med. Z. Askanas).

CERENSKA, E., dr.; PAULICKOVA, M.; SMYD, B., dr.

New buildings of social security institutes. Soc revue 7 no.6: 273-283 61.

CERESNA, J.

"Preparation of Machine-Tractor Stations for Spring Work." p. 325, (MECHANISACE ZEMEDELSTVI, Vol. 4, No. 17, Sept. 1954, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4 No. 5, May 1955, Uncl.

	Gere KV	thell, Savbs. On the c logistic. (Frav. Univ. an. Russin summary	character of proof in Philissi 24, 1-16 (1945	Arlstoue's). (Geor-	
_	Mothematical Review		3	Sm	

STOLYAROVA, Ye.L.; CHEREVATENKO, G.A.

Radiation protection near particle accelerators. Uskoriteli no. 4:111-126 '62.

CHEREVATENKO, G.A.; LARICHEV, A.V.

Scintillation spectrometer for studying the spectral angular distributions of electron bremsstrahlung. Vop. doz. i zashch. ot izluch. no.1:125-130 162. (MIRA 16:3)

(Gamma-ray spectrometer) (Bremsstrahlung) (Electrons)

S/2892/63/000/002/0116/0124

ACCESSION NR: AT4021259

AUTHOR: Cherevatenko, G. A.

TITLE: Ionization chamber for measurement of annihilation radiation intensity of electron accelerators

SOURCE: Voprosy* dozimetrii i mashchity* ot izlucheniy, no. 2, 1963, 116-134

TOPIC TAGS: ionization chamber, annihilation radiation, electron accelerator, y radiation, dosimetric characteristic

ABSTRACT: In this paper, the author proposes a graphite ionization chamber with a front wall of variable thickness for the purpose of absolute measurements of annihilation radiation intensity of electron accelerators within a broad energy range. The author claims that absolute measurement of this intensity is necessary for the solution of a number of problems related to nuclear physics, technology, radiation dosimetry and radiation shielding. The ionization chamber sensitivity is defined by the energy portion of γ quanta which is consumed during the α tion process in a unit of the chamber's wall area to a depth of t in the presence of a normal beam incidence. According to the Bragg-Gray theory of walled donization chambers, the sensitivity of a chamber S(t,E) is related to an intensity

ACCESSION NR: AT4021259

of γ radiation of an energy E by the correlation

$$I(t,E) \cdot S(t,E) = \epsilon qR(Z,E)$$

(1)

where I(t, B) is the radiation intensity, i.e., the energy carried by quanta of annihilation radiation through 1 cm² in a unit of time, at a normal to the surface, MeV/cm² sec; is the mean energy in the formation of one pair of ions in the chamber's air cavity. Based on this correlation and mathematical arguments, the author constructed a sensitivity curve for a graphite ionization chamber and illustrated his proof with a diagram showing the structure of such a chamber. In conclusion, the author expressed his deep gratitude to B. L. Stolyarova, P. A. Cherenkov, A. Ya. Belyakov, and V. V. Florov for their important remarks during the evaluation of results of this work, and also to V. G. Kuznetsov for his help in carrying out this work. Orig. art. has: 7 formulas, 3 figures, and 1 table.

ASSOCIATION: Moskovskiy inzhenarno-fizicheskiy institut (Moscow Physics and Engineering Institute)

SUBMITTED: 00

DATE ACQ: 06Apr64

ENCL: 00

SUB CODE: PH, NS

NO REF SOV: 006

OTHER: 003

Card 2/2

\$/796/62/000/003/004/019

AUTHORS: Larichev, A.V., and Cherevatenko, G.A.

Investigation of the sensitivity of the single-crystal scintillation TITLE:

y-spectrometer with an 80x80-mm NaI(T1) crystal.

Moscow. Inzhenerno-fizicheskiy institut. Pribory i metody analiza SOURCE:

izlucheniy. no.3. 1962, 47-52.

A difficulty encountered in the interpretation of the instrument spectra (amplitude distribution of the impulses) is attributed to the separate contributions of each spectral component (e.g., in a composite or continuous spectrum) at the spectrometer output, so that the observed amplitude distribution, N(E), is related to the true wray spectrum, f(E), by a Fredholm integral equation, the kernel of which is a function of the spectrometer sensitivity (cf. Berger, M., et al., NBS J. Res., v. 56, no. 6, 1956, 335). The individual basic characteristics of the spectrometer sensitivity are identified. In thick crystals (one or more free paths thick) the approximate calculation method (Maeder, D., et al., Helv. Phys. Acta, v. 27, no. 1, 1954) is not applicable and the Monte Carlo method requires laborious high-speedcomputer work. Experimental investigation appears most practical. The work defined in the title employed a crystal and a photomultiplier housed in a Pb housing with a 300-mm long and 20-mm diam collimator. The impulses issuing from the photomultiplier, via a linear amplifier, passed into a 100-channel amplitude analyzer. Lead filters were used to minimize the effects of self-scattering within the Card 1/2

Investigation of the sensitivity ...

8/796/62/000/003/004/019

source and other nearby objects. The γ-ray spectra of Hg²⁰³, Au¹⁹⁸, Cs¹³⁷, Zn⁶⁵, and Na²⁴ isotopes were measured. The energy resolution, as defined by the width of the peak at its midheight divided by the peak energy, was measured, and a linear variation of the resolution with the square root of the energy was found (cf. Koch, H., Foote, R., Nucleonics, v. 12, no. 3, 1954, 51). The photocontribution (ratio of the area underneath the total-absorption peak and the total area underneath the amplitude distribution) was measured; the test points lie slightly below the curve defined by Berger's semiempirical formula. A numerical matrix of the contribution due to Compton scattering of the y-rays is computed by interpolation of the experimental spectra of 279, 411, 661, and 1120 kev y-lines is shown (full page). Prior to interpolation all experimental continua were normalized for one impulse in the totalabsorption peak and for a 1-kev energy interval. The validity of this matrix construction and the accuracy of an elaboration of spectra with the aid of this matrix remains to be verified by analyzing some real spectrum in the 40-to-1400 kev energy range. The results of one such analysis of the instrument spectrum of the γ-rays of a Co isotope (1170 and 1330 kev energies), in comparison with the summary continuum of both y-lines as obtained according to the matrix, is graphically depicted, and the result is found to be favorable. There are 4 figures (counting the matrix) and 4 references (1 Russian-language Soviet, 2 English-language U.S., and 1 Swiss of undetermined language; probably English).

ASSOCIATION: None given.

Card 2/2

s/796/62/000/003/008/019

AUTHORS; Cherevatenko, G.A., Frolov, V.V.

Calculation of a graphite ionization chamber for measurement of the TITLE:

intensity of bremsstrahlung in the 1- to 100-mev energy range.

Moscow. Inzhenerno-fizicheskiy institut. Pribory i metody analiza. SOURCE:

izlucheniy. no.3. 1962, 79-88.

TEXT: The paper expounds the calculation of the sensitivity of a thick-walled ionization chamber with graphite walls for y-quantum energies of 1 to 100 raev, applicable in the measurement of flux intensities in synchrotron, betatron, and linear electron accelerators. From a knowledge of the sensitivity of the chamber for a given y radiation and the ionization produced by that radiation in the gas contained within the chamber, the intensity of the impinging quanta can be readily determined. Basic premises: A plane system, consisting of a thick layer of graphite (1.8 g/cm³), contains an air-filled cavity at depth T. Compton scattering and pair formation are the predominant effects considered at the chosen energy level; the photoeffect is relegated to lower energy levels and is not considered. The effect of multiple scattering is briefly evaluated and is found to be small for a low-atomicnumber substance such as graphite. The critical energy at which shower processes

Calculation of a graphite ionization chamber...

S/796/62/000/003/008/019

are probable within the walls is estimated to be 120 mev. Sensitivity calculation: The sensitivity of an ionization chamber, S(W), is defined as that share of the energy of the y-quanta which is directly expended on the ionization in a unit volume of the chamber wall at the depth T when one y-quantum per second impinges on 1 cm² of the frontal wall of the chamber. The calculation method is based primarily on Western references (Shuhl, C., J. Phys. radium, v. 17, no. 6 (suppl.), 1956, A97-A103; Flowers, B., et al., Roy. Phys. Soc., Proc., v. B65, 1952, 286-295; Lax, M., Phys. Rev., v. 72, 1947, 61-67) and V. V. Frolov's dissertation (MIFI // Moscow Engineering Physics Institute //, 1959). The basic term in S(W) is the function F(W), which characterizes the mean share of the energy of a y-quantum that is directly expended on ionization upon a single collision of any kind, and which, in this instance, is divided into a Compton-scattering and a pair-formation term. Basic data for the first term are taken from the Shull reference, those for the second term from W. Heitler's formula and the Shuhl empirical straight-line approximation formula. The Compton-scattering cross-section appearing in the F(W) equation is expressed in accordance with the Klein-Nishina-Tamm concepts. The numerical results of the fairly cumbersome expression are tabulated and graphically plotted against energy for various values of T. The optimal sensitivity of a chamber for an unknown radiation spectrum is found to occur at one-half the energy of the upper boundary of the bremsstrahlen spectrum. Secondary processes: Consideration of secondary

Calculation of a graphite ionization chamber...

\$/796/62/000/003/003/019

Compton scattering is based on Shahl and Flowers concepts; experimental evidence indicates absence of observable changes in measured ionization. Shower processes, according to the Frolov dissertation, should not introduce a more than 5% correction in the energy range up to 100 mev. The accuracy of the method set forth here should be ±10% for 3-100 mev for direct y-quantum flows of unknown spectral composition.

There are 5 figures, 1 (unnumbered) table, and 10 references (2 Russian-language Soviet and 8 English-language, including 2 in Russian translation).

ASSOCIATION: None given.

Card 3/3

5/796/62/000/003/019/019

AUTHORS: Larichev, A.V., Cherevatenko, G.A., Yakshin, V.V.

On the sensitivity function of a scintillation spectrometer relative TITLE:

to y-rays with a max mal energy of 5 mev.

Moscow. Inzhenerno-fizicheskiy institut. Pribory i metody analiza SOURCE:

izlucheniy. no.3. 1962, 186-190.

The experimental determination of the total sensitivity function of a Soviet-made scintillation spectrometer with an 80x80-mm NaI(T1) crystal is described. The objective of the study is the quantitative determination of the energy dependence of the instrumental shape of the total-absorption peak and the continuous Compton distribution for a given energy interval. The crystal and the ФЗУ-15 (FEU-1B) photoelectronic multiplier (PhM) were placed in a Pb housing with a 300mm long and 20-mm diam collimator. The y-ray source was placed on the collimator axis, at a distance of 75 cm from the crystal surface. Upon preamplification and linear amplification, the amplitude analysis was performed on a AN-100-1 (AI-100-1) 100-channel amplitude analyzer. The sources employed were: Hg203 (0.279 mev); Au198 (0.411 mev); Cs137 (0.661 mev), Zn65 (1.14 mev); Na24 (2.76 mev) and a Pothe source (4.45 mev) mev) and a Po+Be source (4.45 mev). The energy dependence of the energy resolution (midheight width of total-absorption peak divided by the amplitude of the peak)

Card 1/2

On the sensitivity function of a scintillation spectrometer. S/796/62/000/003/019/019

is plotted; the curve concurs qualitatively with that of H. Koch et al. (Nucleorics, v. 12, 1954, 51) and is quantitatively comparable to foreign data on crystals of similar dimensions. The energy dependence of the photoeffectiveness and of the photocontribution (ratio of the area underneath the total-absorption peak to the total area underneath the amplitude distribution) is also plotted and compared to the values computed according to the semiempirical formula of M. Berger et al (NBS J. Res., v. 56, 1955, 355). The Compton contribution for γ-rays with a maximal energy of 5 mev is shown in matrix form normalized to one impulse registered in the totalabsorption peak for 5-mev γ-rays and a 1-kev energy interval. To verify the correctness of the matrix qualitatively, the amplitude spectrum of the y-rays of equilibrium radium was taken and elaborated to obtain the total sensitivity function. The radium spectrum, elaborated by means of the inverse matrix, is shown in the form of a histogram. Agreement between histogram and the instrumental spectrum is reasonably good (strictly speaking, the matrix of the sensitivity function is intended for the processing of continuous spectra). Thus, all necessary elements of the total sensitivity function of a specrometer for the consideration of the equipment effects in the instrumental spectra are obtained for a maximum energy of 5 mev. There are 4 figures and 3 references (1 Russian-language Soviet - the authors paper on pp. 47-52 of the present compendium, Abstract S/796/62/000/003/004/019 and the 2 English-language references cited in the text of the present abstract. ASSOCIATION: None given.

S/759/62/000/004/014/016 D207/D308

AUTHORS: Stolyarova, Ye. I. and Cherevatenko, G. A.

TITLE: Some problems of radiation protection near accelerators

SOURCE: Moscow. Inzhenerno-fizicheskiy institut. Uskoriteli, no. 4, 1962. 111-126

TEXT: A general review of shielding requirements is followed by a discussion of the specific case of accelerators producing electrons with energies up to 100 MeV. Shielding from the gamma-ray bremsstrahlung is considered. Calculations show that concrete shields up to 200 cm thick are required at 3.5 m from the target subjected to a 100 MeV beam; for photoneutrons shielding only theoretical formulas are given. The authors describe also shielding of American proton synchrocyclotrons (up to 400 MeV) by means of concrete or composite blocks. The article is based mainly on Western literature published in 1946 - 1959. There are 8 figures, 3 tables and 9 references.

Card 1/1

CEREY, KAROL

SURNAME, Given Names

Country:

Czechoslovakia

Academic Degrees:

Affiliation: Chemical Institute, SAV /Slovenska akademie ved; Slovak Acade of Sciences/ (Chemicky ustav SAV), Bratislava.

Bratislava, Nasa Veda, Vol VIII, No 4, 1961, pages 233-237. "Study of the Raising of Laboratory Animals In Czechoslovakia." Data:

Authors: BALONOVA, Tatiana, graduate biologists;

CEREY, Karol, graduate veterinarian

SOURCE CODE:	: CZ/0053/65	/014/004/028	9/0290
Н.	-		29
ratislava (Farm	nakologicky u	stav CSAV)	=
lowing 6-azacyt	idine in mic	e [This pape	er was
14, no. 4, 1965	289-290		
on, drug effect	ری organic az	o compound	
ime more terato	ogenic, start	ing with	
OTH REF: OO3			
		Transmit a Lugar, e.a	Γ
			I
	H. Bratislava (Farm lowing 6-azacyth gic Days, Smole 14, no. 4, 1965 on, drug effect /Kg intraperite ime more terator	Bratislava (Farmakologicky usolowing 6-azacytidine in micegic Days, Smolenice, 27 Jan 14, no. 4, 1965, 289-290 on, drug effect, organic azach, interaperitoneally to prime more teratogenic, starting sensitivity was even transpain effect was tail deformation.	Bratislava (Farmakologicky ustav CSAV) lowing 6-azacytidine in mice [This paper of Days, Smolenice, 27 Jan 65.] 14, no. 4, 1965, 289-290 on, drug effect, organic azo compound /Kg intraperitoneally to pregnant time more teratogenic, starting with the description of the sensitivity was even transferred main effect was tail deformation.

ACC NR AP6006038

SOURCE CODE: CZ/0053/65/014/004/(292/0292

AUTHOR: Elis J.: Cerey, K.; Fialova, O.; Rybova, B.; Sechser, T.

ORG: Institute of Pharmacology CSAV, Prague (Farmakologicky ustav CSAV)

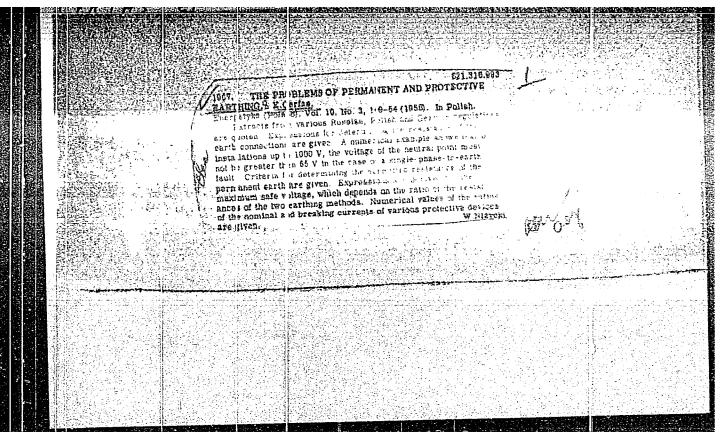
TITLE: Effect of 6-azacytidine on pregnancy in mice [This paper was presented during the Twelfth Pharmacologi: Days, Smolenice, 27 Jan 65.]

SOURCE: Ceskoslovenska fysiologie, v. 14, no. 4, 1965, 292

TOPIC TAGS: mouse, biologic reproduction, drug effect, pharmacology, heterocyclic base compound, organic nitrogen compound

ABSTRACT: Administration of 2 mg /Kg i.v. of 6-azacytidine to pregnant mice interfered with trophoblast, thus causing resorption of 88% of the embryos. Data on the dosage, times and intensity of effect are given. /JPRS/

SUB CODE: 06 / SURM DATE: none / ORIG REF: 001 / OTH REF: 001



CERGE, Oskar, major, mr.

The use of wild-growing plants in military nutrition. Voj. san. pregl., Beogr. 11 ro.3-4:125-128 Mar-Apr 54.

1. HE odred I Vojne Oblasti
(PLANTS
*wild plants, nutritive value)
(NUTRITION
*nutritive value of wild plants)

The use of little known Yugoslav drugs in phytotherapy. Arh. farm., 4 no.2-3:77-79 Apr.-June 54.

(PLANTS medicinal)

CERGE, C.

The peroxide number and determining the quality (freshness and preservation properties) of fats. p. 196 (GLASHIK, Vol. 4, No. 3, May/June 1957)

SO: Monthly List of East European Accessions (EEAL) LC Vol. 6, No. 11, Dec. 1957 Uncl.

CERGE, O. SURGAGE (in caps); Given Names

Country: Yugoslavia

Academic Degrees: not given

Affiliation: not given

Source: Belgrade, Arhiv za Farmaciju, Nr 6, 1960, p. 507.

Data: Book reviews "Complexons in Chemical Analysis" by R. Prishibil.

OERGE, O.
SURJAME (in caps); Given Names

Country: Yugoslavia

Academic Degrees: not given

Affiliation: not given

Source: Belgrade, Arhiv za Farmaciju, Nr 6, 1960, pp 514-516.

Data: liews in brief: "Determination of Occult Blood in Stool during Regular Diet", "Use of Dihydroxiacetone", "Sterilization by "Aradiation", "Combination of Aspirin with Other Drugs", "Analysis of Lard [Adeps Suillus Intended for Pharmaceutical Use", "New Oral Antidiabetic", and "The American-Type Pharmacy [Drugstore] in Zagreb".

CIA-RDP86-00513R000308020013-4" APPROVED FOR RELEASE: 06/09/2000

CERGE, O.
SUCHAME (in caps); Given Names

Country: Yugoslavia

Academic Degrees: / not given /

Affiliation: / not given /

Source: Belgrade, Arhiv za Farmaciju, No 2, 1961, pp 81-83.

Data: "The Role of the Arhiv za Farmaciju (Archive for Pharmacy) in Informing Our Professional Public."

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000308020013-4"

114

CERGOL, Stojan

Nonspecific diseases of thoracic organs discovered in fluorographic campaign in the district of Troovlje at the end of 1953. Edrav. vest., Ljubljana 23 no.9-10:238-241 1954.

1. Bolnisnica sa tuberkuloso Movo Celje, ravnatelj dr. Ivan Kepac.

(RESPIRATORY TRACT, dis.

diag., fluorography during mass survey of pulm. tuberc.

in Yugosl.)

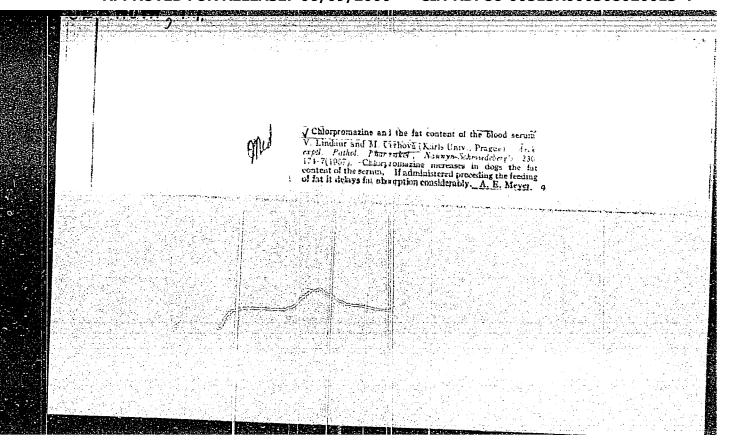
(HEART DISHASE, diag.

fluorography, during mass survey of pulm. tuberc. in
Yugosl.)

MATJASIC, M.; JUNG, M.; MOZETIC, M.; GERGOLJ, B.; SMERDEL S.

Isolation, biological characteristics and immunological identification of adenoviruses in 1963. Zdrav. vestm. 33 no.10: 320-326 164

1. Zavod SRS za zdravstveno varstvo, virusni laboratori , Ljubljana (Ravnatelj:doc. dr. Sasa Cvahte).



VIK, J.; CMRHOVA, N.

Effect of low temperatures on the effect of acetylcholine on isolated heart in frog. Cesk. fysiol. 7 no.3:244-245 May 58.

SAMAN, K.; CERHOVA, M.; SIDLOVA, A.

Serotonin in patients with glaucoma. Cesk. ofth. 16 no.3/4:181-187 My '60

1. Ocni klinika lekarske fakulty KU pobocka v Plzni, prednosta prof. dr. R. Knobloch Interni klinika lekarske fakulty KU pobocka v Plani, prednosta prof. dr. K. Bobek.

(GLAUCOMA blood)

(SEROTONIN blood)

SAMAN, K.; CERHOVA, M.; SIDLOVA, A.

Biological and chromatographic determination of the "tonizing" substance in the aqueous humor of the rabbit in trigeminal irritation and section. Cesk.ofth.16 no.7:447-453 N 60.

1. Ocni klinika lekarske fakulty KU, pobocka v Plzni, prednosta prof.dr. R.Knobloch. Interni klinika lekarske fakulty KU, pobocka v Plzni, prednosta prof.dr. K. Bobek.

(TRIGEMINAL NEW E physiol)

(AQUEOUS HUMOR chemistry)

BAUDIS, P.; VANA, J.; CERHOVA, M.; SIDLOVA, A.

A study of the serotonin blood level in the course of schizophrenia. Cesk. psychiat. 57 no.3:164-169 '61.

1. Psychiatricka a interni klinika KU v Pizni.
(SEROTONIN blood) (SCHIZOPHRENIA blood)

CERHOVA, M.; SIDLOVA, A.; ZELENY, A.

The effect of skin inflammation on blood content of serotonin and h histamine. Physiol. Bohemoslov. 11 no.2:136-141 '62.

1. Institute of Physiology, Medical Faculty of Charles University, Plzen.

(ULTRAVIOLET RAYS) (DERMATITIS experimental)
(SEROTONIN blood) HISTAMINE blood)

CERHOVA, M.; SAHAN, K.

5-hydroxytryptamine in extracts of human and rabbit irises and human aqueous humor. Cesk. oftal. 18 no.5:348-354 S '62.

1. Ustav pro lekarskou chemii lek. fak. University Karlovy v Plzni, ved. dr. V. Habermann Ocni klinika lek. fak. University Karlovy v Plzni, predn. pref. dr. R. Knobloch, DrSc.

(SEROTONIN) (IRIS) (AQUEOUS HUMOR)

RYCHLIK, I.; DANCHEVA, K.I.; CERHOVA, M.

Cleavage it transfer of amino acids from aminoacyl-sRNA to the peptide bond by proteolytic enzymes. Coll Cz Cher 30 no.1:138-145 Ja 65.

1. Institute of Organic Chemistry and Biochemistry of the Czechoslovak Academy of Sciences, Prague. Submitted May 8, 1964.

CERIBASHI, I.

TECHNOLOGY

FERIODICALS TEKNIKA VOL. 5, No. 5, Sept./Oct. 1958.

Ceribashi, I. Function and use of oils in transformers. p. 1.

Monthly List of East European Accessions (EEAI), IC, Vol. 8, No. 5, May 1959, Unclass.

CERIBASHI, I.

Technical protection of our electric enterprises. p. 28

TEKNIKA. (Ministria Industri-Miniera dhe Ndertim-Komunikacion) Tizane, Bulgaria. (Issued by the Ministry of Industry and Mining and the Ministry of Construction and Communication. Bimonthly) Vol. 5, (i.e. 6) no. 3, May/June 1959

Monthly List of East European Accessions (EEAI), LC, Vol. 8, no. 11, Nov. 1959 Uncl.

CERIC, S.

Protecting forests in the light of enforcing the Law on Forests. p. 209.

NARODNI SUMAR. (Drustvo sumarskih inzenjera i tehnicara Bosne i Hercegovine) Sarajevo, Yugoslavia. Vol. 12, no. 4/6, Apr./June 1958.

Monthly List of East European Accessions (EEAI) IC Vol. 9, no. 2, Feb. 1969.

Uncl.

CERIC, S.

Understanding the importance of good management helps further development of our forestry. $p.\ 7.$

NARODNI SUMAR. (Drustvo sumarskih inzenjera i tehnicara Bosne i Hercegovine) Sarajevo, Yugoslavia. Vol.13, ne. 1/4, 1959.

Monthly List of East European Accessions (EEAI) LC Vol. 9, no. 2, Feb. 1968.

Uncl.

CERIC, V.

International shipping and its role in the Yugoslav economy.

Medun transp 9 no.5:292-295 My 163.

CERIC, Viktor

Relation of shipping and seaports. Medun transp 8 no.12:861-863 D

RUSTEMBEGOVIC, F.; DANILOVIC, S.; NUMIC, N.; CERIMOVIC, S.

Use of hygroton in edematous conditions. Med. arh. 16 no.5:77-81 S-0 '62.

1. Interna klinika Medicinskog fakultata u Sarajevu -- III odjeljenje (Sef: prof. dr Ibro Brkic). (EDEMA) (DIURETICS)